1. REQUISITION NUMBER 14 PAGE 1 OF SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS TARDEV15607 OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30 6 SOLICITATION ISSUE DATE 5 SOLICITATION NUMBER 3. AWARD/EFFECTIVE DATE 2. CONTRACT NO 13-Jun-2007 W56HZV-07-P-L727 b TELEPHONE NUMBER (No Collect Calls) 8 OFFER DUE DATE/LOCAL TIME a. NAME 7. FOR SOLICITATION INFORMATION CALL: 12. DISCOUNT TERMS 11, DELIVERY FOR FOB 1D. THIS ACQUISITION IS 9. ISSUED BY CODE W56HZV DESTINATION UNLESS NET 30 DAYS UNRESTRICTED U.S. ARMY TACOM-LCMC BLOCK IS MARKED SET ASIDE 100 % FOR 6501 E 11 MILE ROAD X SEE SCHEDULE WARREN MI 48397-5000 X SMALL BUSINESS 13a THIS CONTRACT IS A RATED ORDER HUBZONE SMALL BUSINESS UNDER DPAS (15 CFR 700) 13b. RATING NAICS: 326211 14. METHOD OF SOLICITATION TEL: SIZE STANDARD: 1000 RFF IFB RFQ FAX W56HZV CODE CODE WHATL 16 ADMINISTERED BY 15 DELIVER TO TARDEC U.S. ARMY TACOM-LCMC TERRYHOIST TYRON WILLIAM S/586-574-7110 TERRYHOIST AMSTA-AQ-ASRB TYRON.S.WILLIAMS@US.ARMY.MIL AMSRD-TAR-D/MS 157 HOISTT@TACOM.ARMY.MIL WARREN MI 48397-5000 WARREN MI 48397-5000 CODE HQ0304 CODE 1ZF55 18a. PAYMENT WILL BE MADE BY 17a.CONTRACTOR/OFFEROR DFAS COLUMBUS DRIVE DYNAMICS DFAS-JAIQBAC-CO WILLIAM GARDETTO 2454 WALNUT RIDGE ST ATTN: ST LOUIS DALLAS TX 75229-4528 P.O. BOX 182307 COLUMBUS OH 43218-2307 FACILITY 1ZF55 CODE TEL. 972-620-0022 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT BELOW IS CHECKED X SEE A DDENDUM SUCH ADDRESS IN OFFER 24. AMOUNT 22. UNIT 23. UNIT PRICE 21. QUANTITY 20. SCHEDULE OF SUPPLIES/ SERVICES 19. ITEM NO. SEE SCHEDULE 26. TOTAL AWARD AMOUNT (For Govt. Use Only) 25. ACCOUNTING AND APPROPRIATION DATA \$24,205.00 See Schedule 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52 212-1, 52 212-4. FAR 52 212-3, 52 212-5 ARE ATTACHED TARE NOT ATTACHED ADDENDA X 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA X ARE ARE NOT ATTACHED 29. AWARD OF CONTRACT: REFERENCE 28 CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 YOUR OFFER ON SOLICITATION OFFER DATED TO ISSUING OFFICE, CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE X SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS IS ACCEPTED AS TO ITEMS: SEE SCHEDULE SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN. REF. Quote submitted on 6-12-2007 CONTRACTING OFFICER) 31c DETE SIGNED TURE 31a.UNITED ES OF AMERIC 30c. DATE SIGNED 30b. NAME AND TITLE OF SIGNER 31b. NAME MAJ Loyd Beal III 10 14/07 GARDETTO, GM Contracting Officer William

A LITHORIZED FOR LOCAL REPRODUCTION PREVIOUS EDITION IS NOT USABLE

STANDARD FORM 1449 (REV 4/2002) Prescribed by GSA FAR (48 CFR) 53.212

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS (CONTINUED)				EMS						PAGE 2 OF 14						
				RVICES		21. QUAN	ППУ	22. UNIT	23. UNIT	PRICE	2	4. AMOUNT				
19. ITEM NO.). SCHEL	*			RVICES		21. QUAN	ППҮ	22. UNIT	23. UNIT	PRICE	2:	4. AMOUNT
32a. QUANTITY IN 0	COLUN	/IN 21	HAS BEEN	N		1										
	INSPE				ND CONF	ORMS	TO THE (CONTRAC	T, EXCE	PT AS NOTED:						
32b. SIGNATURE O REPRESENTA		HORIZ	ED GOVE	RNMENT		32	c. DATE			INTED NAME A		E OF AUTHO	RIZED GO	VERNME	NT	
32e. MAILING ADDF	RESS (OF AU	THORIZE	O GOVER	NMENT R	REPRES	SENTATIV	E		EPHONE NUM						SENTATIVE
								*	ozg. z r	MIL OF NOTTIO		OOVERTIMEN	T KET KEO			
	FINAL		DUCHER	NUMBER			ORRECT			36. PAYMENT	ЕТЕ [PARTIAL [FINAL	37. CH	IECK I	NUMBER
38. S/R ACCOUNT N	NUMBE	R 3	9. S/R VO	UCHER 1	NUMBER	40. PA	AID BY									
11a. I CERTIFY THIS 11b. SIGNATURE AN	-						PAYMENT DATE	42a. RE	CEIVED I	BY (Print)						
					42b. RE	CEIVED /	AT (Location)	(Location)								
					42c. DA	TE REC'E	(YY/MM/DD)	42d.	TOTAL CONT	AINERS						

Section SF 1449 - CONTINUATION SHEET

Page 4 of 14

ITEM NO 0001

SUPPLIES/SERVICES

QUANTITY 21,405 UNIT Dollars, U.S. UNIT PRICE \$1.00 AMOUNT \$21,405.00

CHANT MACHINE UPGRADE

FFP

Contractor shall provide upgrades to the Chant Tire Test Machine:

Task One - Analyze Chant/Link Dynamometer for modification.

The contractor shall review and analyze the Chant/Link Dynamometer for modification to incorporate a rapid tire deflation system during test conditions and improvements in Camber Angle linkage. The contractor shall supply a list of improvements and changes to a Physical Simulation Team representative for approval prior to scheduling the modification.

Task Two - Acquisition of equipment.

The Contractor shall acquire the approved components and/or system for modifying the dynamometer. Delivery shall be made to the Physical Simulation Team Tire Laboratory in Warren, MI 48397.

Task Three - Scheduling for installation and testing

The Contractor shall schedule the modification and installation with the POC suitable to TACOM timing. Upon completion, the contractor shall coordinate modification testing with TACOM.

Delivery Date: The period of performance shall not exceed six months from the date of contract award.

Deliverables:

- 1. The contractor shall provide a written identification of components, due 20 days after initiation of effort.
- 2. The contractor shall acquire components for improvements, within 45 days following the initiation effort.
- 3. The contractor shall modify, install and test all above state improvements, within 120 days following the initiation effort.
- 4. The contractor shall provide any and all documents using Microsoft Software.

Period of Performance: 12 Oct 2007 - 11 Feb 2008

Primary Performance Certifier: Aleksander Kurec aleksander.kurec@us.army.mil AMSRD-TAR-D 586-574-7583

Alternate Performance Certifier: Terry Hoist AMSRD-TAR-D terry.hoist@us.army.mil 586-574-6676

Page 5 of 14

SHIP TO: US ARMY TACOM 6501 E.11 MILE WARREN, MI. 48397-5000

ATTN: Aleksander Kurec or Terry Hoist - BLDG 215/MAIL STOP 157

PLEASE DO NOT SEND INVOICES TO DFAS ST. LOUIS, please see "Prompt Payment (Invoices)" dated June 2000. The invoice shall contain the steps (a)-(h). Invoices will be submitted electronically to: CONTRACTINVOICE@tacom.army.mil

Contractor shall put tax ID number on invoices to expedite payment.

FOB: Destination

PURCHASE REQUEST NUMBER: TARDEV15607

NET AMT

\$21,405.00

ACRN AA

CIN: TARDEV156070001

\$21,405.00

Page 6 of 14

ITEM NO 0002

SUPPLIES/SERVICES

QUANTITY 2,800

UNIT Dollars, U.S.

UNIT PRICE \$1.00

AMOUNT \$2,800.00

Travel for PDR and FDR meetings

FFP

Travel to TACOM for 2 Individuals at \$700 ea. for two (2) PDR and two (2) FDR meetings

Total: \$2800

Period of Performance: 12 Oct 2007 - 11 Feb 2008

Primary Performance Certifier:

Aleksander Kurec

Aleksander.kurec@us.army.mil

AMSRD-TAR-D 586-574-7583

Alternate Performance Certifier:

Terry Hoist

AMSRD-TAR-D

terry.hoist@us.army.mil

586-574-6676

SHIP TO:

US ARMY TACOM

6501 E.11 MILE

WARREN, MI. 48397-5000

ATTN: Aleksander Kurec or Terry Hoist - BLDG 215/MAIL STOP 157

PLEASE DO NOT SEND INVOICES TO DFAS ST. LOUIS, please see "Prompt Payment (Invoices)" dated June 2000. The invoice shall contain the steps (a)-(h). Invoices will be submitted electronically to:

CONTRACTINVOICE@tacom.army.mil

Contractor shall put tax ID number on invoices to expedite payment.

FOB: Destination

PURCHASE REQUEST NUMBER: TARDEV15607

NET AMT

\$2,800.00

ACRN AA

CIN: TARDEV156070002

\$2,800.00

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN INSPECT AT INSPECT BY ACCEPT AT ACCEPT BY 0001 N/A N/A N/A N/A Government 0002 N/A N/A N/A N/A Government

DELIVERY INFORMATION

UIC **CLIN DELIVERY DATE** QUANTITY SHIP TO ADDRESS W91ATL 0001 POP 12-OCT-2007 TO N/A TARDEC 11-FEB-2008 **TERRY HOIST TERRY HOIST** AMSRD-TAR-D/MS 157 HOISTT@TACOM.ARMY.MIL WARREN MI 48397-5000 586-574-6676 FOB: Destination 0002 POP 12-OCT-2007 TO N/A (SAME AS PREVIOUS LOCATION) W91ATL FOB: Destination 11-FEB-2008

ACCOUNTING AND APPROPRIATION DATA

AA: 2172040000076N6N7E6330054410031EF7RA759000000H43041DEV15607S20113

AMOUNT: \$24,205.00

CIN TARDEV156070001: \$21,405.00 CIN TARDEV156070002: \$2,800.00

CLAUSES INCORPORATED BY REFERENCE

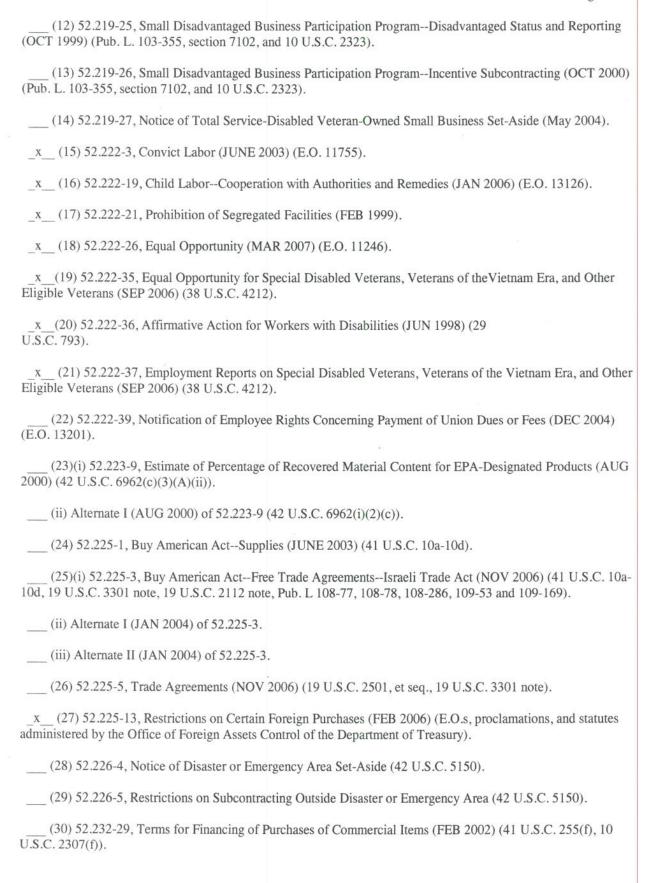
52.212-4	Contract Terms and ConditionsCommercial Items	FEB 2007
52.229-1	State and Local Taxes	APR 1984
52.247-34	F.O.B. Destination	NOV 1991
52.252-2	Clauses Incorporated By Reference	FEB 1998

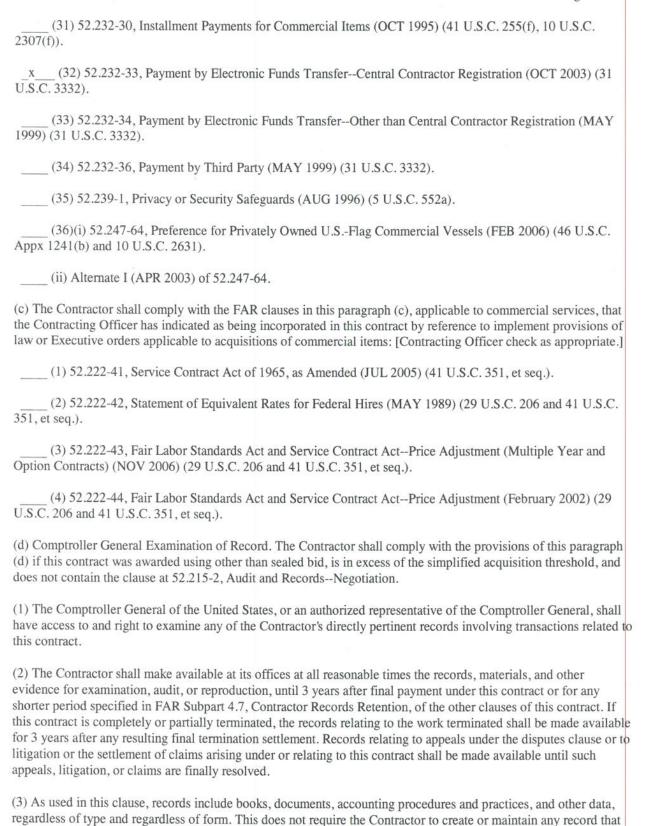
CLAUSES INCORPORATED BY FULL TEXT

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (MAR 2007)

- (a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:
- (1) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).
- (2) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).
- (b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

$\underline{\hspace{0.5cm}}$ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEP 2006), with Alternate I (OCT 1995 (41 U.S.C. 253g and 10 U.S.C. 2402).
(2) 52.219-3, Notice of HUBZone Small Business Set-Aside (Jan 1999) (15 U.S.C. 657a).
(3) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JUL 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).
(4) [Removed].
(5)(i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).
(ii) Alternate I (OCT 1995) of 52.219-6.
(iii) Alternate II (MAR 2004) of 52.219-6.
(6)(i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).
(ii) Alternate I (OCT 1995) of 52.219-7.
(iii) Alternate II (MAR 2004) of 52.219-7.
(7) 52.219-8, Utilization of Small Business Concerns (MAY 2004) (15 U.S.C. 637 (d)(2) and (3)).
(8)(i) 52.219-9, Small Business Subcontracting Plan (SEP 2006) (15 U.S.C. 637(d)(4)).
(ii) Alternate I (OCT 2001) of 52.219-9
(iii) Alternate II (OCT 2001) of 52.219-9.
(9) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14)).
(10) 52.219-16, Liquidated DamagesSubcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).
(11)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (SEP 2005) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).
(ii) Alternate I (JUNE 2003) of 52.219-23.





the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

- (e) (1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in paragraphs (i) through (vi) of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--
- (i) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.
- (ii) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).
- (iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).
- (iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).
- (v) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (DEC 2004) (E.O. 13201).
- (vi) 52.222-41, Service Contract Act of 1965, as Amended (Jul 2005), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.).
- (vii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.
- (2) While not required, the contractor May include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

52.232-4000

CONTRACTING OFFICER'S AUTHORITY

The Contracting Officer is the only person authorized to approve additions or changes in any of the requirements under any contract, reuslting from this solicitation, notwithstanding any provisions contained elsewhere in this contract, the said authrotiy remains solely in the Contracting Officer. In the event that the contractor effects any change at the direction of any person toher than the Contracting Officer, such change shall be solely at the risk of the contractor. (See General Provision, entitled: "Notification of Changes," FAR 52.243-7 or paragraph (c) of FAR 52.212-4).

52.232-4004 PROMPT PAYMENT (INVOICES)

(JUNE 2000)

- 1. In accordance with the Prompt Payment Clause (FAR 52.232.25), this guidance is provided for the submission of invoices.
- 2. An invoice is the Contractor's bill or written request for payment under the order for supplies delivered or services performed. An invoice shall be prepared and submitted to the designated billing office specified in the order.

3. Submit your invoice, preferably by email or through other electronic means, to EITHER:
_XCONTRACTINVOICE@tacom.army.mil OR
the administrator at the address on the face page of this contract
(If none of these is checked, send it to the first address:
CONTRACTINVOICE@tacom.armv.mil)

- 4. A proper invoice must include the following items:
 - (a) Name and address of the Contractor
 - (b) Invoice date
 - (c) Order number or other authorization for supplies delivered or services performed (including order number and contract line item number CLIN)
 - (d) Description, quantity, unit of measure, unit price, and extended price of supplies delivered or services performed.
 - (e) Shipping and payment terms (e.g., shipment number and date of shipment, prompt payment discount terms). Bill of lading number and weight of shipment will be shown for shipment on Government bills of lading
 - (f) Name and address of Contractor to whom payment is to be sent (must be as specified in the order or in proper notice of assignment)
 - (g) Tax payer ID number.
 - (h) Any other information or documentation required by other requirements of the order (such as evidence of shipment)

NOTE: ALL INVOICES FAILING TO PROVIDE THE REQUIRED INFORMATION WILL BE RETURNED UNPAID.

- 5. Interest penalties to be paid by the Government if payment is not made within the applicable time limits specified by the Prompt Payment Act, are subject to the following conditions:
 - (a) A proper invoice was received by the designated billing office
 - (b) A receiving report or other Government documentation authorizing payment was processed and there was no disagreement over quantity, quality, or contractor compliance with any term or condition.
 - (c) In the case of a final invoice for any balance of funds due the Contractor for supplies delivered or services performed, the amount was not subject to further contract settlement actions between the Government and the Contractor.

(end of clause)

252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (MAR 2007)

(a) The Contractor agrees to comply with the following Federal Acquisition Regulation (FAR) clause which, if checked, is included in this contract by reference to implement a provision of law applicable to acquisitions of commercial items or components.

